

**CITY OF EL PASO, TEXAS**  
**DEPARTMENT HEAD'S SUMMARY REQUEST FOR COUNCIL ACTION (RCA)**

**DEPARTMENT:** Building Permits & Inspections

**AGENDA DATE:** November 30, 2004

**CONTACT PERSON/PHONE:** R. Alan Shubert, P.E.

**DISTRICT(S) AFFECTED:** \_\_\_\_\_

**SUBJECT:**

**APPROVE** a resolution / ordinance / lease to do what? **OR AUTHORIZE** the City Manager to do what? Be descriptive of what we want Council to approve. Include \$ amount if applicable.

An Ordinance amending Title 18 (Building and Construction), Chapter 18.12 (Mechanical Code), of the El Paso City Code, to adopt the 2003 edition of the International Mechanical code and with changes appropriate for the City of El Paso, with penalties not to exceed Two-Thousand Dollars (\$2,000.00) per day per violation as provided in Section 18.02.107 of the El Paso City Code

**BACKGROUND / DISCUSSION:**

Discussion of the what, why, where, when, and how to enable Council to have reasonably complete description of the contemplated action. This should include attachment of bid tabulation, or ordinance or resolution if appropriate. What are the benefits to the City of this action?

An Ordinance amending Title 18 (Building and Construction), Chapter 18.12 (Mechanical Code), of the El Paso City Code, to adopt the 2003 edition of the International Mechanical code and with changes appropriate for the City of El Paso, with penalties not to exceed Two-Thousand Dollars (\$2,000.00) per day per violation as provided in Section 18.02.107 of the El Paso City Code

**PRIOR COUNCIL ACTION:**

Has the Council previously considered this item or a closely related one? If so, when?

N/A

**AMOUNT AND SOURCE OF FUNDING:**

How will this item be funded? Has the item been budgeted? If so, identify funding source by account numbers and description of account. Does it require a budget transfer?

N/A

**BOARD / COMMISSION ACTION:**

Enter appropriate comments or N/A

N/A

\*\*\*\*\*REQUIRED AUTHORIZATION\*\*\*\*\*

**LEGAL:** (if required) \_\_\_\_\_ **FINANCE:** (if required) \_\_\_\_\_

**OTHER:**

(Example: if RCA is initiated by Purchasing, client department should sign also)

*Information copy to appropriate Deputy City Manager*

**APPROVED FOR AGENDA:**

**CITY MANAGER:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

**ORDINANCE NO. \_\_\_\_\_**

**AN ORDINANCE AMENDING TITLE 18 (BUILDING AND CONSTRUCTION),  
CHAPTER 18.12 (MECHANICAL CODE), OF THE EL PASO CITY CODE, TO ADOPT  
THE 2003 EDITION OF THE INTERNATIONAL MECHANICAL CODE AND  
WITH CHANGES APPROPRIATE FOR THE CITY OF EL PASO, WITH PENALTIES  
NOT TO EXCEED TWO-THOUSAND DOLLARS (\$2,000.00) PER DAY PER  
VIOLATION AS PROVIDED  
IN SECTION 18.02.107 OF THE EL PASO CITY CODE.**

**WHEREAS**, by Ordinance No. 014732 enacted December 12, 2000 the 2000 edition of the International Mechanical Code of the International Code Council was adopted with changes appropriate for the City of El Paso; and

**WHEREAS**, the 2003 edition of the International Family of Codes has been published and adoption of the 2003 edition of the International Mechanical Code is now proposed; and

**WHEREAS**, the Building Permits & Inspections Director, the Building and Zoning Advisory Committee (BZAC) and the Development Coordinating Committee (DCC) have reviewed and favorably recommended the adoption of local amendments to the 2003 International Mechanical Code appropriate for the City of El Paso; and

**WHEREAS**, the City Council has deemed the proposed modifications appropriate for the City;

**NOW, THEREFORE, be it ordained by the City Council of the City of El Paso:**

**A.** That Title 18 (Building and Construction), Chapter 18.12 (Building Code), of the El Paso City Code, shall be and is hereby amended in its entirety to read as follows:

**18.12.010 Short Title.**

This chapter may be cited as the El Paso Mechanical Code.

**18.12.020 Adoption.**

The book entitled "2003 International Mechanical Code", copies of which, authenticated by the signature of the Mayor and the City Clerk, and made a public record by resolution of the City Council, are on file in the City Clerk's Office, is adopted as the Mechanical Code of the City, as fully as if copied at length in this Chapter, but with the changes set forth in this Chapter.

**18.20.030 Chapter 1 - Administration - Deleted.**

International Mechanical Code Chapter 1 - Administration is hereby deleted.

**18.20.040 Chapter 18.02 Adopted - Administrative Code.**

Chapter 18.02 - Building and Construction Administrative Code of the Municipal Code shall serve as the administrative chapter for the Mechanical Code.

**18.12.050 Section 507.2 Amended – Where Required.**

International Mechanical Code Section 507.2 shall be and is hereby amended to read as follows:

**507.2 Where Required.**

A Type I or Type II hood shall be installed at or above all commercial food heat-processing appliances. A Type II hood shall be installed above commercial dishwashing machines.

**EXCEPTIONS:**

1. Domestic equipment installed within a dwelling unit.
2. Cabinet-type ovens, which do not heat the food product core to a temperature above 212 °F (100 °C).
3. Domestic equipment installed in Church kitchens, which are not used to supply food to a cafeteria, restaurant or soup kitchen, when vented to the outside by a Type B labeled vent.
4. Domestic equipment installed in Fire Station kitchens when vented to the outside by a Type B labeled vent.
5. Domestic equipment installed in non-commercial kitchens located in business and professional offices when vented to the outside by a Type B labeled vent.

**18.12.060 Section 908.6 Amended -- Drainage.**

International Mechanical Code Section 908.6 shall be and is hereby amended to read as follows:

**908.6** Water from such units shall be discharged into an approved disposal system in accordance with the Plumbing Code. All water supply, waste water and connections shall comply with the requirements of the International Plumbing Code.

**908.6.1** All new installations or replacements of water-cooled refrigeration systems 3 H.P. or greater, governed by this code or the International Plumbing Code, shall be provided with an effective recirculation system.

**908.6.2** If an automatic waste system is provided for draining or flushing the system, it shall conform with Chapter 8 of the El Paso Plumbing Code and shall be piped to an approved receptacle unless other disposition is authorized by the Building Permits and Inspections Department Director. In no event shall drainage be wasted into or upon the public way.

**18.12.070 - Section 926 Added -- Evaporative Cooling.**

International Mechanical Code Section 926 - Evaporative Cooling, shall be and is hereby

added to read as follows:

## **926 Evaporative Cooling.**

### **926.1 General.**

Every evaporative cooler installed system shall comply with these provisions.

### **926.2 Location.**

**926.2.1.** No evaporative cooler shall be installed so as to obstruct any required means of egress nor reduce passage of required light and air.

**926.2.2.** Evaporative cooler installations which extend beyond the exterior line of a structure shall comply with Building Code and Zoning Regulations as to allowable projection and overhead clearance. Evaporative cooler structures which project more than eighteen inches (18") from a building shall maintain a minimum clearance of fourteen feet (14') above areas subject to vehicle traffic.

### **926.3 Materials of Construction.**

**926.3.1.** All evaporative cooler blowers and cabinets, including pan, corner posts, top and pad frames, shall be constructed of non-combustible materials or approved plastics as defined below. Evaporative pads and interior water circulatory systems need not be of non-combustible materials.

### **926.3.2 Approved Plastics.**

Approved plastic or reinforced plastic materials shall be those which are classified as 94-5V in accordance with Underwriters Laboratory Test 94-5V "Vertical Burning Test for Classifying Materials".

### **926.3.3 Evidence of Compliance.**

Evidence of compliance with the requirements of Section 926.3.1 to 311.3.2 shall accompany all equipment installed within the City of El Paso.

### **926.4 Electrical Connections.**

Electrical components and installations shall conform to the El Paso Electrical Code. The blower motor and water recirculation pump shall be internally protected to shut-off automatically in the event of an electrical overload or excessive temperature. The maximum shut-off temperature shall be: (1) blower motor, 105°C; and (2) pump, 135°C.

### **926.5 Plumbing Connections.**

Water connections and materials shall conform to the El Paso Plumbing Code.

### **926.6 Structural Supports.**

Evaporative cooler fastenings, including mounts, platforms and frames, shall be of non-combustible material and shall be of sufficient size and strength to meet the requirements of the International Building Code.

### **926.7 Water Supply.**

**926.7.1 Bleeder Lines Prohibited.**

New and replacement evaporative coolers shall not be provided or installed with bleeder lines.

**926.7.2 Automatic water draining System Required.**

An automatic water draining system shall be provided for all evaporative coolers for which the cooler manufacturer requires the use of a bleeder line. The automatic water draining system shall operate on a periodic basis of not less than a 4-hour interval between operation times and shall be capable of fully draining the water from the cooler pan. The automatic draining system shall either discharge into the building drainage system through an indirect waste piping system complying with Section 802 of the Plumbing Code or shall be conducted to the exterior of the building or structure, and shall be discharged so that the effluent is used for watering landscaping or other outdoor vegetation. In no event shall drainage from coolers be wasted into or upon the public way.

**18.12.080 Appendices.**

The appendices, unless specifically adopted or referenced, are retained as administrative guidance aids.

**18.12.090 Conflicting Ordinances.**

All ordinances and parts of ordinances in conflict with the provisions of this ordinance are hereby repealed as follows:

Ordinances No. 014732, 12-12-2000.

Except as expressly amended herein, Title 18 (Building and Construction) shall remain in full force and effect.

- B. All references to ICC Electrical Code shall be construed to mean the El Paso Electrical Code.
- C. The effective date of this ordinance shall be \_\_\_\_ day of \_\_\_\_\_, 2004; This ordinance shall be applicable to all permit applications received on or after that date.

**PASSED AND APPROVED** this \_\_\_\_ day of \_\_\_\_\_, 2004.

(ALL SIGNATURES FOLLOW ON NEXT PAGE)

CITY OF EL PASO

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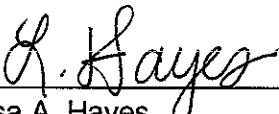
Joe Wardy  
Mayor

ATTEST:


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Richarda Duffy Momsen  
City Clerk

APPROVED AS TO FORM:

  
\_\_\_\_\_  
Lisa A. Hayes  
Assistant City Attorney

APPROVED AS TO CONTENT:

  
\_\_\_\_\_  
R. Alan Shubert, Director  
Building Permitting & Inspections Dept.